

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	("4581520" "4654509" "5127365" "5314574" "5414244" "5433791" "5480492").PN. OR ("5998766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:25
L3	24	("20010055326" "20020002946" "20020018190" "20020112784" "20020191163" "20020191166" "20030006380" "20030146396" "4998821" "5063582" "5093579" "5138643" "5157700" "5231291" "5559584" "5898477" "5997963" "6317479" "6463119" "6542220" "6555834" "6665046" "6933513" "6987278").PN. OR ("7123343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:38
L4	2	("6435428").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/17 11:38
L5	5	("4877757").PN. OR ("6435428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 12:14
L6	181	(wafer or substrate) and (showerhead with exhaust\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/17 12:14
L7	249	(wafer or substrate) and (showerhead with (exhaust\$3 or purge))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/17 12:14
L8	11	("20010025600" "20020034862" "20020036065" "4854263" "5370739" "5902088" "6174377" "6301434" "6331212" "6524955" "6630053").PN. OR ("6921556").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 12:53
L9	260	Shinriki-Hiroshi.in. or Kawano-Baiei.in. or Shimizu-Akira.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 12:53
L10	1707	Shinriki-Hiroshi.in. or Kawano-Baiei.in. or Shimizu-Akira.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/17 12:53
L11	173	10 and (reactor or chamber or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/17 12:54
S31	29533	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/06 10:07

EAST Search History

S34	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S35	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S36	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S37	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S38	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S39	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S40	2013	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S41	9736	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S42	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S43	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S44	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S45	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03

EAST Search History

S46	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S47	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S48	31053	S40 or S47	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S49	2013	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S50	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S51	1	("20040163592").PN.	US-PGPUB	OR	OFF	2005/12/08 09:40
S52	1	("20050229848").PN.	US-PGPUB	OR	OFF	2005/12/08 09:40
S53	30010	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S54	7928	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S55	2443	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S56	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37

EAST Search History

S57	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S58	7187	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S59	30010	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S60	2085	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S61	10026	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S62	7928	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S63	2443	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S64	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S65	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S66	7187	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S67	30010	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37

EAST Search History

S68	31514	S60 or S67	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:37
S69	3299	S68 and (gas with ((inject\$3 or inlet) and (outlet or exhaust\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 13:41
S70	2265	S69 and (wafer or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:48
S71	2156	S70 and (reactor or vessel or chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:45
S72	1273	S69 and ((wafer or substrate or semiconductor) with (table or chuck or support))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:52
S73	1011	S72 and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 10:53
S74	62	S73 and cone	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 11:02
S75	126	S70 and cone	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 11:02
S76	64	S75 not S74	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 11:11
S77	108	S69 and cone not (S74 or S75)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 12:25
S78	2	"5884009".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 12:25
S79	99	S68 and (cone with gas) not (S75)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/08 14:26
S80	2	((("5884009") or ("5685914")).PN.	USPAT	OR	OFF	2005/12/08 14:27
S81	3	(US-6019848-\$ or US-5884009-\$ or US-5685914-\$).did.	USPAT	OR	ON	2005/12/08 16:04
S82	46	(118/723e.ccls. or 156/345.43-345.47.ccls.) and cone	USPAT	OR	ON	2005/12/08 16:13
S83	57	SHINRIKI-HIROSHI.IN. OR ARAMI-JUNICHI.IN.	USPAT	OR	ON	2005/12/08 16:20
S84	0	US-20030143328-\$.DID.	USPAT	OR	ON	2005/12/08 16:21
S85	1	US-20030143328-\$.DID.	US-PGPUB	OR	ON	2005/12/08 16:21

EAST Search History

S86	2	("5884009").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/05/30 07:57
S87	4	(US-5656123-\$ or US-5685914-\$ or US-6019848-\$ or US-5884009-\$).did.	USPAT	OR	ON	2006/07/13 15:34
S88	2	("5884009").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/08/21 08:02
S89	2	("5884009").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/21 16:07
S90	2596	"261"/\$.ccls. and (gas with (liquid or miniscus or vle)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/21 17:37
S91	41383	"261"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/21 17:36
S92	38787	S91 not S90	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/21 17:37
S93	2	("5884009").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/06 10:08
S94	4	(US-6019848-\$ or US-5685914-\$ or US-5884009-\$ or US-5656123-\$).did.	USPAT	OR	ON	2007/03/06 10:22
S95	2	("6435428").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/06 10:22
S96	2	("6435428").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/07 10:57
S97	5	("4877757").PN. OR ("6435428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 11:49
S98	6	(US-5656123-\$ or US-5685914-\$ or US-6435428-\$ or US-6019848-\$ or US-5884009-\$ or US-6886491-\$).did.	USPAT	OR	ON	2007/03/07 12:03
S99	27	("5520742" "5534073" "5578132" "5581874" "5592581" "5628859" "5647945" "5650082" "5681614" "5683518" "5710407").PN. OR ("5884009").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:09
S100	238	SHINRIKI-HIROSHI.in. or ARAMI-JUNICHI.in. or "ASM Japan".asn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:14
S101	739	(first and second and third) adj1 (exhaust)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/07 12:15

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S102	2353	(first and second and third) adj1 (exhaust or outlet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/07 13:14
S103	100	S101 and (wafer or substrate or semiconductor) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/07 12:39
S104	18	("4581520" "4654509" "5127365" "5314574" "5414244" "5433791" "5480492").PN. OR ("5998766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:20
S105	5	("20010007244" "20030194493" "4987856" "5366555").PN. OR ("6869641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:29
S106	24	("20010055326" "20020002946" "20020018190" "20020112784" "20020191163" "20020191166" "20030006380" "20030146396" "4998821" "5063582" "5093579" "5138643" "5157700" "5231291" "5559584" "5898477" "5997963" "6317479" "6463119" "6542220" "6555834" "6665046" "6933513" "6987278").PN. OR ("7123343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:38
S107	1463	S102 not S101	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 12:38
S108	93	S107 and (wafer or substrate or semiconductor) and (chamber or reactor or vessel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/07 12:39
S109	6	((("5884009") or ("20020134308") or ("5900103"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/07 13:14
S110	18	("5209803" "5242539" "5389197" "5523261" "5525159" "5779803" "5916454").PN. OR ("6156151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 13:52
S111	2	("6001267").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/07 13:53
S112	23	(US-20030146396-\$ or US-20020191166-\$ or US-20020191163-\$ or US-20040050326-\$ or US-20050208217-\$).did. or (US-5656123-\$ or US-5685914-\$ or US-6435428-\$ or US-6019848-\$ or US-5884009-\$ or US-6886491-\$ or US-5998766-\$ or US-6450803-\$ or US-5314574-\$ or US-6291800-\$ or US-6380518-\$ or US-6869641-\$ or US-7123343-\$ or US-6987278-\$ or US-6665046-\$ or US-6555834-\$ or US-6156151-\$ or US-6631692-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/07 17:25
S113	2	("5534073").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/17 09:49
S114	2	("7096911").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/03/17 09:49

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S115	3	("5629787" "5771085" "6254716").PN. OR ("7096911").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 09:50
S116	25	(US-20050208217-\$ or US-20030146396-\$ or US-20020191163-\$ or US-20020191166-\$ or US-20040050326-\$).did. or (US-6450803-\$ or US-6631692-\$ or US-6435428-\$ or US-6886491-\$ or US-5656123-\$ or US-5884009-\$ or US-5685914-\$ or US-6019848-\$ or US-5314574-\$ or US-6156151-\$ or US-7123343-\$ or US-6869641-\$ or US-6380518-\$ or US-6291800-\$ or US-5998766-\$ or US-6665046-\$ or US-6555834-\$ or US-6987278-\$ or US-5534073-\$ or US-7096911-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/17 10:27